



7555-01-P

## NATIONAL SCIENCE FOUNDATION

### Proposal Review Panel for Physics Notice of Meeting

In accordance with the Federal Advisory Committee Act (Pub., L. 92-463, as amended), the National Science Foundation (NSF) announces the following meeting:

**NAME AND COMMITTEE CODE:** Proposal Review Panel for Physics (1208) – Site Visit

**DATES AND TIMES:** June 13 - 14, 2017; 8:15 am - 6:00 pm  
June 15, 2017; 8:15 am – 12:00 pm

**PLACE:** LIGO Hanford Observatory in Richland, WA 99352-0159

**TYPE OF MEETING:** Part Open

**CONTACT PERSON:** Dr. Mark Coles, Project Manager, Division of Physics/MPS, NSF 4201 Wilson Blvd., Arlington, VA 22230; (703) 292-4432

**PURPOSE OF MEETING:** Site visit to provide advice and recommendations concerning the LIGO project for continued financial support.

#### AGENDA:

##### Tuesday, June 13, 2017; 8:15 AM – 6:00 PM

8:15 am	Breakfast, panel sign-in
8:45 am	Executive session—charge and agenda (Closed)

##### Overview Session I (9:00 am – 12:00 pm)

9:00 am – 9:30 am	Welcome, Overview of LIGO Operations (25+5)
9:30 am – 10:15 am	LIGO Operations Performance: Accomplished vs Planned (30+15)
10:15 am – 10:30 am	Break
10:30 am – 11:15 am	Progress in Detector Commissioning & Enhancements, Plans and Timelines (35+10)
11:30 am – 12:00 pm	LIGO Computing (35 +10)
12:00 pm – 1:00 pm	Lunch
1:00 pm – 2:30 pm	Tour of Hanford Facility for Review Committee

##### Overview Session II (2:30 pm – 6:00 pm)

2:30 pm – 3:15 pm	LIGO Operations: Scope and Budget
3:15 pm – 4:00 pm	Plans for Enhancing LIGO's Sensitivity (35 +10)
4:00 pm – 4:15 pm	Break
4:15 pm – 5:30 pm	Review Committee Executive Session (Closed)
6:30 pm	Dinner, location TBD

**Wednesday, June 14, 2017; 8:18 AM – 6:00 PM**

8:15 am Breakfast, panel sign-in

**Morning Parallel Breakout Sessions**

9:00 am – 12:00 pm **Parallel Breakout Session I: Management, Budgets**

- a) LIGO Operations Risk Management
- b) Performance Metrics
- c) Activity-based Operations Budgets

**Parallel Breakout Session II: Interferometer Commissioning**

- a) Post O2 Detector Commissioning at Hanford
- b) Post O2 Detector Commissioning at Livingston
- c) Scattered Light Mitigation
- d) Detailed Squeezer Implementation Plan

12:00 pm – 1:00 pm Lunch

**Afternoon Parallel Breakout Sessions**

1:00 pm – 3:00 pm **Parallel Breakout Session III: LIGO Computing**

- a) Progress on LIGO data analysis computing optimization
- b) Data Management Plan/LIGO Open Science Center
- c) LIGO Data Grid

**Parallel Breakout Session IV: Detector Enhancements**

- a) Progress on Optical Coating Research for A+
- b) LIGO Scientific Collaboration Instrument Science Program

3:00 pm – 6:00 pm Executive session— Committee report writing (Closed)  
Dinner on your own

**Thursday, June 15, 2017; 8:15 AM – 12:00 PM**

8:15 am Breakfast, panel sign-in

9:00 am – 9:30 am Responses to Committee questions (if needed)

9:30 am – 11:00 am Executive session—report writing (Closed)

11:00 am – 12:00 pm Committee Out-brief, Review close out

**REASON FOR LATE NOTICE:** Due to unforeseen scheduling complications and the necessity to proceed with the review of the project.

**REASON FOR CLOSING:** Topics to be discussed and evaluated during closed portions of the site review will include information of a proprietary or confidential nature, including technical information and information on personnel. These matters are exempt under 5 U.S.C. 552b(c), (4) and (6) of the Government in the Sunshine Act.

Dated: May 22, 2017

Suzanne Plimpton  
Acting Committee Management Officer

[FR Doc. 2017-10791 Filed: 5/25/2017 8:45 am; Publication Date: 5/26/2017]